Note: This is a draft, amounts are subject to change prior to preliminary application.

Program Expenses

- 1. Staff
- 1. BL: OHV Rec Manager (GS9) Days: 110/Hr: 880Rate/day: \$331/hr: 41.36 Grant Request: \$36,397-Match \$26,470

Notes: The OHV Rec Specialist plans, directs, trains employees and volunteers in the program of work for ground ops OHV trail maintenance and OHV facility operation and maintenance. During the year, works alongside the crew (or without crew in their off season) completes trail opening/clearing, brushing, sign installation, cleaning/repairing water bars, dispersed camps and developed campground utilized by OHV users, to conduct maintenance and repair; cleaning toilets, litter pick-up, fire ring repair/ cleaning. When patrolling works on trails, dispersed areas, developed campgrounds for problems such as resource damage related to OHV use, develops projects for the mitigation and then implementing the projects i.e. rock barriers, completes public contacts for implementation of MVUM, "Tread Lightly!" principles, document accomplishments, purchase of materials and supplies.

2. BL: Lead OHV Tech (GS6) Days: 200/hr 1600 Rate/day: \$194/Hr 24.31 Grant Request: \$38,896-Match \$11,669

Notes: Takes direction from BL OHV manager to implement program of work for ground operations for motorized trail maintenance and OHV facility operation and maintenance, works with 3 to 4 temporary employees. Completes trail opening/clearing, brushing, sign installation, cleaning/repairing water bars, dispersed camps developed campground used by OHV users consisting of maintenance and repair; cleaning toilets, litter pick-up, firring repair/cleaning. When monitoring: completes work on trails, dispersed areas, developed campgrounds for problems such as resource damage related to OHV use, implements projects for the mitigation of resource damage i.e. rock barriers, completes public contacts for implementation of MVUM, "Tread Lightly!" principles. Assist with on-site inspection of ground operation work.

3. BL: OHV Rec Tech 3-(GS5) Days: 390/hr 3120 Rate/Day: \$164/hr20.84 Grant Request: \$65,021

Notes: Three temporary employees for 130 days each. Completes the on the ground" program of work for ground operations for motorized trail maintenance and OHV facility operation and maintenance, Completes trail opening/clearing, brushing, sign installation, cleaning/repairing water bars, dispersed camps and OHV related developed campground maintenance and repair; cleaning toilets, litter pick-up, fire ring repair/ cleaning. When patrolling completes work on trails, dispersed areas, developed campgrounds for problems such as resource damage related to OHV use, implements projects for the mitigation of resource damage, completes public contacts for implementation of MVUM, "Tread Lightly!" principles.

4. Forest Wide: Trail Maint. /OHV CG Tech Days: 170/Hr 1360 Rate/day: \$167/hr 20.84 Grant Request: \$28,343

Notes: 2 Temp 85 days each, employee's to help with dispersed recreation area clean up and maintenance of motorized recreation areas identified on the MVUM.

5. HS: OHV/OSV Rec Manager (GS9) Days: 150 Rate/day: \$331 Grant Request: \$49,632

Notes: The OHV/OSV Rec Specialist plans, directs, trains employees and volunteers in active implementation of the work for ground operations for motorized trail maintenance, OHV & OSV facility operation and maintenance. Assists crews (or without crew in off season) in completing trail opening/ clearing, brushing, sign installation, cleaning/repairing water bars, dispersed & developed campground maintenance and repair; cleaning toilets, litter pick-

up, fire ring repair/ cleaning. Reviews trails, dispersed areas, OHV related damage to developed/dispersed campgrounds and over sees the implementation (i.e. rock barriers, public contacts, implementing MVUM, "Tread Lightly!" principles, document accomplishments, purchase materials & supplies). Performs on-site inspection of ground operation work. Approximately 50% of total work assignments take place in the field.

6. HS: Lead OHV Tech (GS6) Days: 200/hr1600 Rate/day \$195/hr 24.31 Grant Request: \$38,896

Notes: Takes direction from BL OHV manager to implement program of work for ground operations for motorized trail maintenance and OHV facility operation and maintenance, works with 3 to 4 temporary employees. Completes trail opening/clearing, brushing, sign installation, cleaning/repairing water bars, dispersed camps developed campground used by OHV users consisting of maintenance and repair; cleaning toilets, litter pick-up, firring repair/cleaning. When monitoring: completes work on trails, dispersed areas, developed campgrounds for problems such as resource damage related to OHV use, implements projects for the mitigation of resource damage i.e. rock barriers, completes public contacts for implementation of MVUM, "Tread Lightly!" principles. Assist with on-site inspection of ground operation work.

7. HS: OHV Rec Tech Equipment Specialist (GS6) Days: 120/hr 960 Rate/day: \$195/hr24.31 Grant Request: \$23337.50

Notes: Job duties include assisting OHV manager with motorized trail maintenance, sign and trail inventory, sign/trail marker installation, clearing/brushing motorized trails, litter removal and dumpsite cleanup near OHV trails and areas, dispersed OHV campsite and recreation area rehabilitation, and public education Tread Lightly! Principles. May spend up to 50% of time working independently operating SWECO tractor or other trail maintenance equipment. Responsible for maintaining equipment and safe operation of vehicles. Will work with staff and volunteer work crews to perform OHV trail work objectives.

8. HS: OHV Rec Tech 4-(GS5) Days: 520/hr 4160 Rate/day: \$164/hr 20.84 Grant Request: \$86694.40

Notes: Takes direction from OHV/OSV Rec Manager and Lead OHV/OSV Rec Manager - Implements program of work for OHV, monitors status of trails, contact visiting public, provides education and information, trail work. There will be 4 temporary positions filled by this line item for 130 days each.

9. HS: GS 5 OSV Rec Tech 3-(GS5) Days 390/hr 3120 Rate/day: \$164/hr 20.84 Grant Request: \$65,021

Takes direction from OHV/OSV Rec Manager and Lead OHV/OSV Rec Manager - Implements program of work for OSV, monitors status of trails, contact visiting public, provides education and information, trail work. There will be 3 temporary positions filled by this line item for 130 days each.

10. BL: OHV Rec Tech Equipment Specialist (GS6) Days: 120/hr 960 Rate/day: \$195/hr 24.38 Grant Request: \$23400.00

Notes: Job duties include assisting OHV manager with motorized trail maintenance, sign and trail inventory, sign/trail marker installation, clearing/brushing motorized trails, litter removal and dumpsite cleanup near OHV trails and areas, dispersed OHV campsite and recreation area rehabilitation, and public education Tread Lightly! Principles. May spend up to 50% of time working independently operating SWECO tractor or other trail maintenance equipment. Responsible for maintaining equipment and safe operation of vehicles. Will work with staff and volunteer work crews to perform OHV trail work objectives.

Specialist: Archaeologist Survey and Record

USFS - Sierra National Forest

2023 Ground Operations (G22): DRAFT Project Cost Estimate

Notes: To be able to assess the effects to cultural resources and document in a report results in order to be in compliance with laws, regulations, and policy, Review issues generated in the field through annual maintenance of trails. The funding requested supports:

- 11. Forest Archaeologist Days: /hrs 16 Rate/day: \$495/hr/61.83 Grant Request: \$0 Match \$990
- 12. H.S District Archaeologists Days: /hrs 40 total Rate/day: \$370 Grant Request: \$0 Match \$2,504
- 13. B.L District Archaeologists Days: /hrs 40 total Rate/day: \$370 Grant Request: \$0 Match \$2,504
- 14. H.S Assistant District Arch Days: /40 Rate/day: \$313/hr 47.25 Grant Request: \$0 Match \$ \$626
- 15. B.L Assistant District Arch Days: 5/40 Rate/day: \$313/hr 47.25 Grant Request: \$0 Match \$ \$626
- 16. 4 Arch. tech. 2 per district seasonal GS-5 Days:10 each Rate/day: \$164 Grant Request: \$6560 No match

Specialist: Aquatics Monitoring

Notes: The funding supports the aquatic biologist(s) to be able to monitor impacts to aquatic resources and to be able to document in a report results of the monitoring to be in compliance with OHMVR monitoring requirements (HMP) and Biological Opinion reporting/ monitoring for Fish and Wildlife Review issues generated in the field through annual maintenance of trails. The requested funding provides:

- 21. 2 District Bio. Days: 30/hr240 total (0 BLRD/20 HSRD) Rate/day: \$420/47.00 **Grant Request: \$9200 Match \$2500**
- 23. Biology Tech Days (GS9): 15 Rate/day: \$306 Grant Request: \$3060 No match 1530
- 24. (2) Seasonal GS-7 Days:30/hr 240 each rate/day: \$176/hr\$22.00 **Grant Request: \$5280 No match**
- 25. Aquatic seasonals GS 5 (2) Days 30/hr 240 rate Day \$167/hr \$20.84 Grant Request: \$5,002 No Match

Specialist: Hydrology Monitoring

Notes: The funding supports the hydrologists to be able to monitor impacts to hydrologic resources and to be able to document in a report results of the monitoring to be in compliance with OHMVR monitoring requirements (HMP), Annual Soil Conservation Report and review issues generated in the field through annual maintenance of trails. The requested funding provides:

27. H.S District Hydrologist Days: 0/hr 40 Rate/day: \$347/hr 43.37 Grant Request: \$0 Match: \$694

Specialist: Wildlife Monitoring

Notes: The funding supports the biologist to be able to monitor impacts to wildlife resources, to be able to document in a report results of the monitoring to be in compliance with OHMVR monitoring requirements (HMP) and review issues generated in the field through annual maintenance of trails. Funding request includes:

28. H.S District Biologist
Days: 0/hr 32 Rate/day: \$375/hr \$46.88
Grant Request: \$0 Match \$1,875

29. B.L District Biologist
Days: 0/hr 32 Rate/day: \$375/hr \$46.88
Grant Request: \$0 Match \$1,875

31. Forest Wide 3 Wildlife Seasonal GS-5 Days: 30/hrs240 Rate/day: \$167/hr \$20.50 Grant Request: \$4920 No match

Specialist: Soil Monitoring

Notes: Funding supports the soil scientist to be able to monitor impacts to soil resources and to be able to document in a report results of the monitoring to be in compliance with OHMVR monitoring requirements (Soil Monitoring Report). This funding request includes:

32. Forest Soil Scientist Days: Days18/hrs 147 Rate/day: \$357/hr \$44.63 Grant Request: \$6426 Match: \$1606.5

Specialist: Botanic Monitoring

Notes: The funding supports the botanist to monitor impacts to botanic resources and to be able to document in a report results of the monitoring to be in compliance with OHMVR monitoring requirements (HMP). Review issues generated in the field through annual maintenance of trails. The requested funding supports:

33. Forest Wide Biologist GS-12 Days

34. Forest Botanist (GS-11) Days: 0/hrs 40 Rate/day: \$388/hr \$ 48.53

35. Botanist Temp GS-7 Days: Days 5/hr 40 Rate/day: \$174 /hr 21.75

36. 2 Botanist Temp (GS5) Days: 10/hrs 80 Rate Day \$164/hr 20.50

Grant Request: \$0 Match: \$1165 Grant Request: \$770 No Match Grant Request \$1350 No Match

37. ENG: Heavy Equip Operator Days: 71/hrs 566 Rate/day: \$269/hrs \$33.63 **Grant Request: \$19,032 Match: \$7263**

Notes: Heavy Equipment Operator specifically assigned to operate and mobilize the Sweco trail tractor to complete OHV trail maintenance to ensure trails remain to standard and are safe for ease of passage, and specific projects related to OHV use areas mitigation to bring to standard. Work includes: drainage and tread repair, grading to remove gully and riling, erosion control, and stream armoring.

38. ENG: Maintenance Worker Days: 101/hr 811 Rate/day: \$259/hr\$27.50 **Grant Request: \$22,303 Match: \$6820**

Notes: Maintenance worker to perform labor work associated with the support of the Sweco tractor operator including but not exclusive of hand brushing and drainage cleaning using hand tools.

39. ENG: Road Crew Supervisor Days: 27/hrs 216 Rate/day: \$372/hrs \$46.50 **Grant Request: \$10,044 Match: \$4,092**

Notes: This position works in the field with the heavy equipment operator and workers to accomplish annual maintenance on roads and trails. The position identifies and locates on the ground drainage structure locations, specific work tasks and insures all work meets Forest Service standards.

40. ENG: Heavy Equip Operator (2 positions) Days: 80/640 Rate/day: \$250/hr \$31.25 **Grant Request: \$20,000 Match: \$5,000**

Notes: Heavy Equipment Operators are required to operate equipment including backhoe, grader, loader, dump truck Sweco trail tractor, and brush mower tractor. This equipment is required to perform annual maintenance on roads and trails open for green/red stickered OHV use. Work includes; brushing, drainage and tread repair and erosion control. Two operators 40 days each.

41. ENG: Maintenance Worker Days: 180/hrs 1440 Rate/day: \$212/hr 26.50 Grant Request: \$38,160 Match: \$12,720

Notes: This position supports the Heavy Equipment Operator when performing annual maintenance on roads and trails open for green/red stickered OHV use. Work includes equipment maintenance tasks, assistance in equipment transport, brushing, drainage and tread repair and erosion control. The maintenance worker performs labor tasks associated with the project such as hand brushing with chainsaw and cleaning culverts and drainage structures with hand tools. Four operators 45 days each.

42. Volunteer Support Hours: 2700 Rate: \$29.50 Matching Funds: \$80,865

Notes: Based upon the calculations of 2021 volunteer hours

43. Field Staff Days: 60/hr400 Rate/day \$250/hr \$31.25 Grant Request: \$0 Match: \$10,000

Notes: The field staff will help with clean up, pick up trash, hazard tree removal, maintenance, etc. in OHV dispersed recreation sites and along motorized trails identified on the MVUM. Field staff will also attend OHV events and monitor for cleanup and maintenance. Field staff includes 12 fire prevention persons working 8 days each at \$250 a day (average cost to government).

44. Forest Biologist Days 5/Hrs:40 Daily Rate: 391/hrs \$48.89 Match: \$1,956

Notes: Forest Biologist provides match for the coordination and compiling of the HMP report.

45. Annual Leave payout for Seasonal employees Days 48/ 384 hrs Daily Rate: \$164/hr 20.50 Grant Request: \$7872

46. Staff and Volunteer Per Diem:

Grant Request: \$10,003

NOTES: Volunteer Per Diem will be in accordance with State regulation. Approximately 15% will be volunteers

Notes: To compensate volunteers for expense incurred while working on OHV projects. Per Diem is granted only to qualified volunteers per their Federal Volunteer agreement and in accordance with California Parks regulations.

<u>Total for Staff: \$668,616 Match \$ 104,343</u> <u>Grant Request: \$ 772,959</u>

2. Services:

None

Total for Services Grant Request: \$0.00

3. Materials/Supplies

1. Forest wide-Signs on Trails

Notes: Purchase and install trail markers and directional signs for trails after mitigation and to replace any existing damaged signs. Signs regarding trail direction and difficulty along with rules and regulations. Combined into 1 line item for Forest Wide Program. Funds are distributed 50/50 unless otherwise stated.

Grant Request: \$4,000

Grant Request: \$8500

Grant Request: \$2500

Grant Request: \$6,000

Grant Request: \$1500

Grant Request: \$3000

Grant Request: \$1,250

Grant Request: \$2,500

Grant Request: \$1,000

2. Forest Wide-Boulder / Wood Trail Delineators

Notes: Purchase of large rocks, wood posts, or other blocking material for placement along sensitive areas (i.e. meadows, arch sites to delineate designated trails and protect cultural and natural resources). The barriers will only be used for delineation of trails per the ground operations project description. Combined into 1 line item for Forest Wide Program. Funds are distributed 50/50 unless otherwise stated.

3. Forest Wide-Emp./Vol. Personal Protective Equipment

Notes: Funding would be utilized to purchase personal protective equipment (PPE)/safety supplies for program employees and volunteers such as ear protection, eye protection, gloves, chainsaw chaps and hardhats. Combined into 1 line item for Forest Wide Program. Funds are distributed 50/50 unless otherwise stated.

4. Forest Wide-Janitorial Supplies

Notes: Supplies for cleaning toilets on OHV routes (paint, toilet paper and cleaning supplies). Materials to repair toilets along OHV routes. Many of the toilets are in remote locations and are in need of repairs to floors, wall and roofs. (Plywood, roofing material, risers, and power tools) Combined into 1 line item for Forest Wide Program. Funds are distributed HS \$2000/BL \$500.

5. Forest Wide-Lumber

Notes: Purchase of lumber for barrier placement along sensitive areas i.e. meadows, arch sites to keep riders on designated trails and protect cultural and natural resources. Combined into 1 line item for Forest Wide Program. Funds are distributed 50/50 unless otherwise stated.

6. Forest Wide-TrailHead signs/Information boards

Notes: Signs for trailheads to show "Tread Lightly" principles, OHV camping and riding rules and guidelines along with forest visitor OHV information. Combined into 1 line item for Forest Wide Program. Funds are distributed 50/50 unless otherwise stated.

7. Forest Wide-Handtool Replacement

Notes: Replenish cache of shovels, pruners, small portable air compressors, tie straps and other common hand tools. Upgrade hand tools, gear boxes, and other incidentals. Combined into 1 line item for Forest Wide Program. Funds are distributed BL \$750 HS \$750

8. Forest Wide-UTV/ATV Supplies

Notes: Funds for purchasing accessories and consumer replaceable parts or supplies (oil, belts etc). Combined into 1 line item for Forest Wide Program. Funds are distributed 50/50 unless otherwise stated..

9. Forest Wide-Hand/Power Tools

Notes: Replace and repair, hand tools, power tools, augers, power drills, drill bits. Combined into 1 line item for Forest Wide Program. Funds are distributed 50/50 unless otherwise stated.

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Grant Request: \$2,000

Grant Request: \$4,000

Grant Request: \$2,200

Grant Request: \$2,000

Grant Request: \$1,500

Grant Request: \$3,000

Grant Request: \$2,000

Grant Request: \$10,000

Grant Request: \$107,000

10. Forest Wide-CUA/MVUM area signs / Information Boards

Notes: Information signs at staging areas and use areas to notify of regulations and where it is legal to ride along with a small kiosk to house riding map of area. Combined into 1 line item for Forest Wide Program. Funds are distributed 50/50 unless otherwise stated.

11. Forest Erosion Control Materials

Notes: To be used on OHV Green Sticker roads, trails and OHV staging areas. Purchase materials such Riprap, waddles, erosion cloth. Combined into 1 line item for Forest Wide Program. Funds are distributed 50/50 unless otherwise stated.

12. HS OSV TH Signs & Supplies

Notes: Purchase and install trail markers and directional signs for trails after mitigation and to replace any existing damaged signs. Signs regarding trail direction and difficulty along with rules and regulations. Combined into 1 line item for Forest Wide Program.

13. HS OHV/OSV Motorcycle & Snowmobile Safety Apparel

Notes: Purchase of large rocks, wood posts, or other blocking material for placement along sensitive areas (i.e. meadows, arch sites to delineate designated trails and protect cultural and natural resources). The barriers will only be used for delineation of trails per the ground operations project description. Raw steel/lumber to build/repair gates and signs at trailheads. Heavy winter snow causes major damage to signs and gates. The use of these materials will reinforce the integrity of the signs and gates

14. Forest Wide-Chainsaw Tools and Supplies

Notes: To purchase consumable or worn-out parts specifically for chainsaws. Funds are distributed 50/50 unless otherwise stated.

15. Forest Wide-Motor Vehicle Use Maps

Notes: Purchase of "Free-to-public" Motor use maps for distribution to the public.

16. EN: Signs on ML 2 and Mixed Use Roads

Notes: The replacement of regulatory, warning and destination signs (sign, post, nuts, bolts, and screws) along Green Sticker Route locations where the signs have been vandalized or damaged. The funding will provide the material for signs. Sign cost range between \$150 to \$400. The replacement of signs will help aid in the safety of our OVH communities who recreate amongst these routes and compliance towards current sign standards and regulations. Installation will occur by OHV and Engineering personnel.

17. Forest Wide-Base Rock

Notes: Base rock, gabbing baskets to repair or replace roadbed, trail tread or drainages on Green Sticker Roads, trails and Staging areas, as well as OHV used campgrounds.

Total for Materials/Supplies

8

4. Equipment Use Expenses

1. Forest Wide Fleet Vehicle (OHV) accessories/upgrades

Notes: (was 15000) For Fleet OHV vehicle racks, lockboxes, inverters, winches, safety headache rack, and other tools that are attached to a vehicle. This includes upgrades to more durable or appropriate components, safety systems components improving the vehicles performance in an OHV program. Combined into 1 line item for Forest Wide Program. Funds are distributed 50/50 unless otherwise stated.

2. Forest Wide-Non Fleet (OHV) accessories/upgrades

Notes: For Non-Fleet vehicle such as but not limited to Sweco trail dozer, rubber tire trail tractor, OHV dump trailers, track chipper, racks, lockboxes, inverters, winches or other tools that are attached to a vehicle. This includes upgrades to more durable or appropriate components, such as better cooling systems, cleaner exhaust, safety systems and improving the vehicles performance in an OHV program. Combined into 1 line item for Forest Wide Program. Funds are distributed 50/50 unless otherwise stated.

3. HS fleet and non fleet Vehicle (OSV) accessories/upgrades

Notes: For vehicle racks, lockboxes, inverters, winches or other tools. This includes upgrades to more durable or appropriate components, such as better cooling systems, cleaner exhaust, safety systems and improving the vehicles performance in an OSV program.

4. OHV/OSV Fleet Vehicle Operating Expense (mileage)

Notes: Provide match from the mileage of OHV/OSV fleet vehicles that help with project completion. This line item will utilize the costs of Forest Service vehicles to provide match to the project.

5. HS OSV snow removal powered equipment repair

Grant Request:

Grant Request: \$2,000

Grant Request: \$5,000

Grant Request: \$6,000

Match: \$60,000

Match: \$45,000

Match: \$2,500

\$1,000

Notes: For replacement of consumables such as fuel, oil, filters, shear pins for equipment purchased with OHV Ground Operations Grant funds.

6. ENG: Heavy Equipment - Road Work

Notes: Match provide by fleet Heavy Equipment vehicles to complete road maintenance project activities. Equipment includes; backhoe, grader, loader, equipment transport, and dump truck.

7. ENG: Support Vehicles - Road Work

Notes: Match provided by fleet utility vehicles to complete road maintenance project activities. These vehicles transport operators and laborers to project sites as well as tools and equipment.

8. Specialist Vehicle Support Match \$2,500

Notes: Match from mileage used in support of OHV program.

- 9. HS OHV/OSV Fleet Vehicle Operating Expense Match \$40,000
- 10. Forest-Wide Equipment/accessory rental Grant Request \$ 5,000

Funds will be used for renting powered equipment and accessories. Such as skid steerers, augers, or backhoe attachment.

11. Forest-Wide Diesel/Fuel Grant Request: \$5000

Funds for purchasing fuel for small power equipment such as chainsaw, weedeaters or ATV/UTV.

Total for Equipment Use Expenses Grant Request: \$43,000 Match: \$150,000

5 Equipment Purchases

Grant Request \$ 93,000

1. OHV Program wide-Tracked Skid Loader and implements. Funds will purchase a skid steer with a grapple bucket, 6 way blade, general material bucket, snow blower, and brush cutter. Equipment is needed to maintain trails and features along the trails, such as waterbars and natural obstacles. The snow blower will be used and trailheads to create better and safer access to rubber tire over snow trails. This equipment will greatly increase the efficiency and quality of work by OHV crews.

Total for Equipment Purchase

Grant Request: \$93,000

Other:

Toilet Pumping-Non Scheduled not contracted

Grant Request \$5000

Total for Other: \$5000

Total Direct Expenses: \$845,066

Direct Match: \$212,266

Indirect Cost funded by State: \$126,760

TOTAL 2023 Funding: \$1,184,092